

DAFTAR PUSTAKA

- Abdel-Motaal, F., Zayat, S. A. E., Kosaka, Y., Sayed, M. A. E., Nassar, M. S. M. dan Ito, S. 2009. Four novel *Ustilaginomyceteous anamorphic* yeast spesies isolated as endophytes from the medicinal plant *Hyocyamus muticus*. Asian Juurnal of Plant Science Vol. 8 No. 8 : 526 - 35.
- Afzal, A., Mahmood, M. S., Hussain, I dan Akhtar, M. 2011. Adulteration and microbiological quality of milk. A Review. Pakistan J. Nutrition. Vol. 10 No. 12: 1195-1202.
- Ana, A., Beatriz M., Victoria S., Maria I. G., Juan E. S dan Ana, R. 2007. Growth and bacteriocin production by lactic aci bacteria in vegetable broth and their effectiveness at reducing *Listeria monocytogenes* in vitro and in fresh- cut lettuce. Food Microbiology Vol. 24: 759 – 766.
- Angelilo, I. F., Viggiani, N. M. A., Rizzo, L dan Bianco, A. 2005. Food andlersn and foodborne diseases: Knowledge, attitudes, and reported behavior in Italy. Jurnal Food Prot. Vol. 63: 381-385.
- Arslan, S. 2015. A review: Chemical, microbiological dan nutritional characteristics of kefir. CYTA J. Food Vol. 13: 340–345.
- Bengoa, A., Iraponda, C. Garrote G.L. dan Abraham A.G. 2018. Kefir microorganisms: their role in grain assembly and health properties of fermented milk. Journal of Applied microbiology. The Society for Applied Microbiology. Issn 1364 - 5072.
- Badan Standarisasi Nasional (BSN). 2000. SNI No. 01-6366-2000. Batas Maksimum Cemaran Mikroba dan Batas Minimum Residu dalam Bahan Makan Asal Hewani. Departemen Industri dan Perdagangan. Jakarta.
- Badan Standarisasi Nasional (BSN). 2008. SNI No. 1-2897-2008. Metode Pengujian Cemaran Mikroba dalam Daging, Telur, Susu serta Hasil Olahannya. Departemen Industri dan Pedagangan. Jakarta.
- Badan Standarisasi Nasional (BSN). 2009. SNI No. 1-7552-2009. Susu Fermentasi Berperisa. Pusat Standarisasi Industri. Departemen Perindustrian dan Perdagangan. Jakarta.
- Badan Standarisasi Nasional (BSN). 2011. SNI 01-3141-2011. Susu Segar. Jakarta (ID): Badan Standarisasi Nasional.
- Chandra dan Budiman. 2007. Pengantar kesehatan lingkungan. Jakarta: Penerbit buku kedokteran EGC.

- Codex Alimentarius Committee. 2003. Codex standard for fermented milks. Codex STAN 243. FAO/WHO Food Standards.
- Coles, R., Dowell, D. M., Kirwan, M. J. 2003. Food Packaging Technology. CRC Press. London.
- Cultures for Health. 2013. A where healthy food starts guide “milk kefir”. Cultures for Health. Sioux Falls.
- Dianti, E.P. 2016. *Mutu Gizi Kefir Susu Kambing Berfortifikasi Vitamin B12 dan Vitamin D3 Selama Penyimpanan*. Fakultas Kedokteran Universitas Diponegoro. Semarang.
- Dominguez, C. L., Gomez dan Zumalacarregui, J. 2002. Prevalence of *Salmonella* and *Compylobacter* in retail outlet in Spain. Int. J. Food Microbial. Vol. 7 No. 1: 165-168.
- Food Review Indonesia, 2013. Freeze Drying Technology for Better Quality and Flavor of Dried Products. Vol.8. No.2 Hal:56-57
- Food and Agriculture Organization (FAO). 2002. Probiotic in Food Health and Nutritional Properties and Guidelines for Evaluation. London.
- Farida, H. D dan Sari, S. K. 2019. Utilization of microorganism on the development of halal food based on biotechnology. Journal of Halal Product and Research 2019 Vol. 2 No. 1: 33-43.
- Fardiaz. 2004. Mikrobiologi Pangan. Raja Grafindo Persada. Jakarta.
- Fanworth, R. E. 2005. Kefir-a complex probiotic. Food. Science and Technology Bulletin: Fuctional Food. Vol. 2 No. 1: 1-7.
- Ferawati., Erpomen., Melia, S., Kurnia, Y. F., Suharto, E. L. S., Rastosari, A., dan Suhartati, L. 2019. Diseminasi pengolahan susu kefir sari buah di nagari sungai kamuyang kabupaten limapuluh kota. Jurnal Hilirisasi IPTEKS. Vol. 2 No. 4a: 343 – 353.
- Firman, A. 2010. Agribisnis Sapi Perah. Universitas Padjajaran. Bandung.
- Gao, X dan Li, B. 2017. Chemical microbiological characteristics of kefir grains and their fermented dairy products. Journal Cogent Food Agric. Vol. 2: 1-10.
- Gaware, V., Kiran, K., Ramdas, D dan Kiran, D. 2011. The magic of kefir: Review. Pharmacologyonline Vol. 1: 376-386.

- Gronnevik, H., Falstad, M., Judith, A dan Narvhus. 2011. Microbiological and chemical properties of Norwegian kefir during storage. *Journal of Dairy Science*. Vol. 21: 601-606.
- Gul, O., Mortas, M., Atalar, I., Dervisoglu dan Kahyaoglu, T. 2015. Manufacture and characterization of kefir made from cow and buffalo milk, using kefir grain and starter culture. *Journal of Dairy Science*. Vol. 98: 1517-1525.
- Halle, C., Leroi, F., Dousset, X dan Pidoux, M. 1994. Les Kefirs. Des associations bacteries lactique-levures, in bacteries lactiques: aspects fondamentaux et technologiques (kefir combinations of lactic acid bacteria: Basic and Technological Aspects). Vol 2: 169-182.
- Harley, J. P dan Prescott, L. M. 1993. *Laboratory Exercises in Microbiology*. Second Edition. C Brown Publishers, New York.
- Hertzler, S. R dan Clancy, S. M. 2003. Kefir improves lactose digestion and tolerance in adults with lactose maldigestion. *J. Am. Diet. Assoc.* Vol. 103: 582–587.
- Hidayat, A. 2010. *Manajemen Kesehatan Pemerahan*. Dinas Peternakan. Bandung Jawa Barat.
- Hidayat., Nur., Padaga., Masdiana, C., Suhartini., dan Sri. 2006. *Mikrobiologi Industri*. Penerbit Andi. Yogyakarta.
- Holzapfel, W. H. 2002. Appropriate starter culture technologies for small-scale fermentation in developing countries. *International Journal of Food Microbiology*. Vol.75: 197-212.
- Irigoyen, A., Arana, I., Castiella, M., Torre, P dan Ibanez, F.C. 2005. Microbiological physicochemical and sensory characteristics of kefir during stroge. *Food Chem*. Vol. 90: 613-620.
- Jayarao, B.M., Donaldson, S.C., Straley, A.A., Sawant, N.V., Hegde dan Brown, J.L. 2006. A survey of foodborne pathogens in bulk tank milk and raw milk consumption among farm families in pennsylvania. *Dairy Jurnal*. Vol. 89: 2451–2458.
- Jorgensen, H.J., Mork, T., Rorvik, L.M. 2005. The occurrence staphylococcus aureus on farm with small-scale production of raw milk cheese. departement of food and hyegine. *Dairy J*. Vol. 88: 3810-3817.
- Julianto, B., Rossi. E dan Yusmarini. 2016. Chemical and microbiology characteristic of kefir from cow milk with soy milk addition. *Jom Faperta* Vol. 3 No. 1.

- Lindawati, S. A., N. L. P. Sriyani, M. Hartawan, dan I G. Suranjaya. 2015. Studi mikrobiologis kefir dengan waktu simpan berbeda. *Majalah Ilmiah Peternakan* Vol.18(3) : 95-99
- Liviawati, E., Afrianto, E. 2010. *Penanganan Ikan Segar*. Penerbit Widya Padjajaran, Bandung.
- Mal, R., Radiati, L. E., dan Purwadi. 2015. Effect of storage duration in refrigerator temperature on pH value, viscosity, total lactic acid and profiles protein dissolved of goat milk kefir. *Jurnal Teknologi Hasil Ternak*. Universitas Brawijaya. Malang.
- Magalhaes, K. T., Dragone, G., De Melo Pereira, G. V., Olivera, J. M., Domingues, L., Teixeira, J. A., De Almeida Silva, J. B dan Schwan, R. F. 2011. Comparative study of the biochemical changes and volatile compound formations during the productin of novel wheybased kefir beverages and traditional milk kefir. *Food Chem*. Vol. 126 : 249-253.
- Mei, J., Gao, X., Li, Y. 2016. Kefir grains and their fermented dairy products. *JSM Biotechnol Bioeng* Vol. 3(1): 1-7.
- Meutia, N., Ridha, S., Rizalsyah, T dan Sari, M. K. 2016. Residu antibiotika dalam air susu segar yang berasal dari peternakan diwilayah aceh besar. *Jurnal Ilmu Ternak*. Vol. 16(1): 1-5.
- Miskiyah. 2011. Study of indonesian national standart for liquid milk in Indonesia. *J Standarisasi*. Vol. 13 No. 1: 1-7.
- Murdiati, T. B., Priadi, A., Rachmawati, S., dan Yuningsih. 2004. Susu pasteurisasi dan penerapan HACCP (Hazard Analysis Critical Control Point). *JITV*. Vol. 9 No. 3: 172 – 180.
- Muelas, R., de-Olives, A. M., Romero, G., Díaz, J. R., Sayas-Barberá, M.E dan Sendra, E. 2018. Evaluation of Individual Lactic Acid Bacteria for the Fermentation of Goat Milk: Quality Parameters. *Food Science and Technology*. Vol. 98: 506-514.
- Nahvi, I., dan Moeini, H. 2004. Isolation and indification of yeast strains with high beta-galactosidase activity from dairy product. *biotechnology*. Vol. 3 No. 1: 34-50.
- Nielsen, B., Gurakan, G. C dan Unlu, G. 2014. Kefir: A multifaceted fermented dairy product. *Probiotics Antimicr. Prot*. Vol. 6: 123-135.

- Noviana, H. 2004. Pola kepekaan antibiotika *escherichia coli* yang diisolasi dari berbagai pesimen klinis. bagian mikrobiologi fakultas kedokteran universitas katolik atma jaya. Jakarta. Vol. 23 No. 4: 122-126.
- O'Brien, K. V., Aryana, K. J., Prinyawiwatkul, W., Ordonez, K. M. C dan Boeneke, C. A. 2016. Short communication: the effects of frozen storage on the survival of probiotic microorganisms found in traditionally and commercially manufactured kefir. Dairy J. Vol. 99: 7043-7048.
- Otles, S dan Cagindi, O. 2003. Kefir : A probiotic dairy composition, nutrition and therapeutic aspect. Pak. J. Nutrition. Vol. 2 No. 1 : 54-59.
- Pakbin, B., Gajarbeygi, P., Mahmoudi, R dan Razavi, S. H. 2014. Producing probiotic peach juice. Biotech Health Sci. Vol. 1 No. 3: 1-5.
- Powell. J. E., Witthuhn. R. C., Todorov, S. D., dan Dicks. L. M. T. 2007. Characterization of bacteriosin ST8KF produced by a kefir icolate *Lactobacillus plantarum* ST8KF. International Dairy Journal. 17, 190-18.
- Purwati, E., Hidayat, Z., dan Syukur, S. 2005. *Lactobacillus sp.* Isolasi dari *Biovicophitomega* Sebagai Probiotik. Lembaga Ilmu Pengetahuan Indonesia, Jakarta, Bandung.
- Purwati, E., S.N., Aritonang., S. Melia., I. Juliyarsi dan H. Purwanto. 2016. Manfaat Probiotik Bakteri Asam Laktat Dadiah Menunjang Kesehatan Masyarakat. Penerbit Lembaga Literasi Dayak dan Universita Andalas. Padang.
- Reddy, G., Altaf, M., Kumar, E. V., Naveena, B. J dan Venkateshwar, M. 2008. Amilolytic bacterial lactic acid fermentation-a review. Jurnal elsevier biotechnology. Adv. Vol. 26: 22-34.
- Rombaut, R. 2005. Dairy microbiology and starter cultures. laboratory of food technology and engineering. Gent University. Belgium.
- Rosa, D. D., Manoela M.S.D., Lukasz, M., Grzes'kowiak., Sandra, A., Reis, L.L., Conceicao dan Maria, D.C.G.P. 2017. Milk kefir: nutritional, microbiologicall and health benefits. Nutrition Research Reviews. Vol. 30. No. 1: 82-96
- Safitri, M.F dan Swarastuti, A. 2013. Kualitas Kefir Berdasarkan Konsentrasi Kefir Grain. Indonesian Food Technologi Community. Semarang.
- Saleh, E. 2004. Teknologi Pengolahan Susu dan Hasil Ikutan Ternak, Program Studi Produksi Ternak Fakultas Pertanian Universitas Sumatera Utara, pp. 1-2.

- Simova, E., Beskhova, D. M., Angelov, A., Hristozova, T., Frengova, G dan Spasov, Z. 2002. Latic acid bacteria and yeasts in kefir grains and kefir made from them. J. Ind. Microbiol. Biotechnol. Vol. 28: 1-6.
- Soeparno., Rihastuti, S., Triatmojo dan Indratiningsih. 2011. Dasar Teknologi Hasil Ternak. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta.
- Stepaniak, L dan Fetslinski, A. 2012. Kefir. In : Roginski, H., Fuquay, J. W., Fox, P. F. (Eds). Encyclopedia of dairy science. academic. Press, London, pp. 1049-1054.
- Surajudin, K. F. R dan Purnomo, D. 2005. Yogurt susu fermentasi yang menyehatkan. Agromedia Pustaka. Jakarta. Hal. 7 - 47.
- Surono, I. S. 2004. Probiotik susu fermentasi dan kesehatan. Yayasan Pengusaha Makanan dan Minuman Seluruh Indonesia (YAPMMI). TRICK. Jakarta. Hal 31- 32.
- Usmiati, S. 2012. Pengembangan dadih sebagai pangan fungsional probiotik asli sumatera barat. J. Litban Pert. Vol. 32 No. 1: 20-29.
- Utami, E. R. 2011. Antibiotika Resistensi dan Rasionalitas Terapi. Skripsi. Fakultas Sains. UIN Maliki. Malang.
- Vardjan, T., Mohar Lotbag, P., Rogelj, I dan Canzek Majen, A. 2013. Characterization and stability of *Lactobacilli* and yeast micobiota in kefir grains. Int. Dairy J. Vol. 96: 1-8.
- Wijaningsih, W. 2008. Aktivitas Antibakteri In Vitro dan Sifat Kimia Kefir Susu Kacang Hijau (*Vigna Radiata*) Oleh Pengaruh Jumlah Starter dan Lama Fermentasi. Tesis Program Pasca Sarjana Universitas Diponegoro. Semarang.
- Wszolek, M., Barclay, M. N. I., Muir, D. D dan Tamime, A. Y. 2001. Properties of kefir made in scotland and poland using bovine, caprine and ovine milk with different starters cultures. LWT- Food Sci, Technol. 34: 251-261.
- Wszolek, M., Kupiec-Teahan. B., Guldager, H. S dan Tamime, A. Y. 2006. Production of kefir. koumiss and other related products. Fermented Milk. Blackwell Publishing, Oxford, pp. 174-216.
- Wulandari, A. O., dan Purwadi, F. 2017. Penambahan madu bunga kopi (*coffea sp*) terhadap kualitas kefir ditinjau dari karakteristik mikrobiologi. Jurnal Ilmu dan Teknologi Hasil Ternak. Vol. 12. No. 2: 83-88.

Wyk. J. V. 2019. Kefir: The Champagne of Fermented Beverages. Bellville. South Africa. DOI: 10.1016/B978-0-12-815271- 3.00012-9.

Yulneriwarni, F dan Noverita. 2008. Fermentasi kefir dari susu kacang–kacangan. Vis Vitalis, Vol. 01 No. 2, Issn 1978-9513. Jakarta Universitas Nasional.

Yuniastuti. 2014. Peran Pangan Fungsional dalam Meningkatkan Derajat Keasaman. Skripsi Universitas Negeri Semarang. Semarang.

